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Amendments to the Claims

        This listing of claims will replace all prior versions, and listings of claims in the application.

LISTING OF CLAIMS:

1. – 4. (Canceled)

5.   (Currently Amended) A terminal device, comprising:

        processing means for detecting one of a predetermined set of events that cause operation of an application program to suspend, the processing means operable to generate event data ~~representative~~ indicative of a cause of the suspension of the application program;

        the processing means further operable to suspend operation of an application program when an event is detected; and

        storage means for storing the event data generated by the processing means; wherein the processing means is further operable to resume operation of the application program suspended by the processing means; and

        the processing means is further operable to deliver the stored event data to the resumed application program to adjust further operation of the resumed application program to be responsive to the cause of the suspension.

6.   (Previously Presented) The terminal device of Claim 5, wherein:

        the storage means is operable to store sets of event data each representing an event between the time period from the time of suspension of operation of the application program by the processing means and the time that operation of the application program is resumed by the processing means.

7.   (Previously Presented) The terminal device of Claim 5, further comprising communication

means for communicating via a communication network, and wherein:

the processing means is operable to suspend operation of the application program when the

communicating means receives a message designating a user of the terminal device.

8.   (Currently Amended) A program product useable with a computer device comprising:

a computer readable medium encoded with a computer program that is executable by a

processor to cause:

detecting one of a predetermined set of events that cause operation of an application

program to suspend;

suspending operation of the application program when an event is detected that is in the

predetermined set of events;

generating event data indicative ~~representative~~ of a cause of suspension of the application

program;

storing the event data;

resuming operation of the application program that was suspended; and

delivering the event data to the resumed application program to adjust further operation of

the resumed application program to be responsive to the cause of the suspension.

9.   (Currently Amended) A terminal device comprising:

a memory;

instructions stored in the memory to detect receipt of a first predetermined event;

instructions stored in the memory to suspend operation of an application that is currently

being executed;

instructions stored in the memory to store event data indicating the cause of related to

suspension of the application;

instructions stored in the memory to initiate resumption of execution of the application in

response to a second predetermined event;

instructions stored in the memory to extract the stored event data;

instructions stored in the memory to resume execution of the application, in accordance

with the extracted event data; and

instructions stored in the memory to generate a message with the resumed application that

notifies a user of the first predetermined event.

10. - 11. (Canceled)

12.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in the

memory to generate a message comprises instructions stored in memory to generate a query to a

user that is related to the first predetermined event.

13.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in the

memory to generate a message comprises instructions stored in memory to generate a query to a

user to launch another application to attend to the first predetermined event.

14.   (Previously Presented) The terminal device as in claims 12 or 13, wherein the message

comprises an audio message.

15.   (Previously Presented) The terminal device as in claims 12 or 13, wherein the message

comprises a text message.

16.   (Previously Presented) The terminal device of claim 9, wherein the first predetermined

event comprises receipt by the terminal device of an email or a call request.

17.   (Previously Presented) The terminal device of claim 9, wherein the first predetermined

event comprises receipt or transmission by the terminal device of data via a short range

transmission.

18.   (Previously Presented) The terminal device of claim 9, wherein the first predetermined

event comprises execution of another application by the application.

19.   (Previously Presented) The terminal device of claim 9, further comprising instructions

stored in the memory to store event data for events that occur while the application is suspended,

and instructions stored in the memory to provide notification of the events that occur while the

application is suspended, when execution of the application is resumed.

20.   (Previously Presented) The terminal device of claim 9, wherein the second predetermined

event comprises a user command.

21.   (Previously Presented) The terminal device of claim 9, wherein the second predetermined

event comprises expiration of a determined time period.

22.   (Previously Presented) The terminal device of claim 9, wherein the second predetermined

event comprises completion of the first predetermined event.

23.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in

memory to suspend the application comprises instructions stored in the memory to, during the

suspension, maintain application related data in volatile memory that was input by a user prior to

the suspension.

24.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in

memory to suspend the application comprises instructions stored in memory to maintain the

suspended application in volatile memory during the suspension.

25.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in

memory to store event data comprises instructions stored in memory to set an event flag indicative

of the first predetermined event.

26.   (Previously Presented) The terminal device of claim 9, wherein instructions stored in

memory to store event data comprises instructions stored in memory to store an indicator of the

first predetermined event and an identifier of the suspended application in a table.

27.   (Previously Presented) The terminal device of claim 9, further comprising instructions

stored in memory to store the application in volatile memory when the application is launched,

and instructions stored in memory to suspend the application comprises instructions stored in

memory to maintain the application in the volatile memory until execution is resumed.

28.   (Previously Presented) The terminal device of claim 9, further comprising instructions

stored in memory to delete the stored event data when execution of the application is resumed.

29.   (Previously Presented) The terminal device of claim 5, further comprising display means

for displaying information to a user, the display means operable to display a message related to the

cause of the suspension, the resumed application program operable to generate the message in

response to receipt of the delivered stored event data.

30.   (New) The terminal device of Claim 5, wherein the processing means is further operable

to maintain as unchanged data input by a user and temporarily stored in the terminal device during

operation of the application program.

31.   (New) The terminal device of Claim 5, wherein the resumed application program is configured to generate a message to notify a user of the cause of the suspension based on the stored event data.

32.   (New) The terminal device of Claim 5, wherein the predetermined set of events comprising receipt of an email or a voice call request.

33.   (New) The terminal device of Claim 32, where in response to the event being receipt of an email message, the processing means is further configured to resume operation of the suspended application program after a specified time has elapsed following display of the message.

34.   (New) The terminal device of Claim 32, wherein the processing means is further configured to generate difference messages dependent on the cause of the suspension.

35.   (New) The terminal device of Claim 5, wherein the data related to the application program that is input by the user remains in random access memory after operation of the application program is suspended.

36.   (New) The terminal device of Claim 5, wherein the storage means comprises an interrupt table that identifies the event data and the application program interrupted thereby.

37.   (New) The program product of Claim 8, further comprising maintaining as unchanged data input by a user and temporarily stored in the terminal device during operation of the application program.

38.   (New) The program product of Claim 8, wherein the predetermined set of events comprise receipt of an email or a voice call request.

39.   (New) The terminal device of Claim 9, wherein instructions stored in the memory to store

event data indicating the cause of suspension of the application further comprise instructions

stored in the memory to maintain as unchanged data input by a user and temporarily stored in the

memory during operation of the application

40.   (New) A terminal device comprising:

a memory;

instructions stored in the memory to detect receipt of a first predetermined event;

instructions stored in the memory to suspend operation of an application that is currently

being executed;

instructions stored in the memory to store event data related to suspension of the

application that comprises instructions stored in the memory to set an event flag indicative of the

first predetermined event;

instructions stored in the memory to initiate resumption of execution of the application in

response to a second predetermined event;

instructions stored in the memory to extract the stored event data;

instructions stored in the memory to resume execution of the application, in accordance

with the extracted event data; and

instructions stored in the memory to generate a message with the resumed application that

notifies a user of the first predetermined event.

41.   (New) A terminal device comprising:

a memory;

instructions stored in the memory to detect receipt of a first predetermined event;

instructions stored in the memory to suspend operation of an application that is currently

being executed;

instructions stored in the memory to store event data related to suspension of the

application that comprises instructions stored in memory to store an indicator of the first

predetermined event and an identifier of the suspended application in a table;

instructions stored in the memory to initiate resumption of execution of the application in

response to a second predetermined event;

instructions stored in the memory to extract the stored event data;

instructions stored in the memory to resume execution of the application, in accordance

with the extracted event data; and

instructions stored in the memory to generate a message with the resumed application that

notifies a user of the first predetermined event.

42.   (New) A terminal device comprising:

a memory;

instructions stored in the memory to detect receipt of a first predetermined event;

instructions stored in the memory to suspend operation of an application that is currently

being executed;

instructions stored in the memory to store event data related to suspension of the

application, the event data comprising an identifier of the suspended application;

instructions stored in the memory to initiate resumption of execution of the application in

response to a second predetermined event;

instructions stored in the memory to extract the stored event data;

instructions stored in the memory to resume execution of the application, in accordance

with the extracted event data; and

instructions stored in the memory to generate a message with the resumed application that

notifies a user of the first predetermined event.